| MMM | MMM | TTTTTTTTTTTTTT | ННН | HHH | RRRRRRRR | RRRR | TTTTTTTTTTTTTT | LLL |
|--------|---------|-------------------|-------------------|-----|----------|------|---------------------------------------|-----------------|
| MMM | MMM | †††††††††††††††† | ННН | ННН | RRRRRRRR | | TTTTTTTTTTTTT | |
| MMM | MMM | ŤŤŤŤŤŤŤŤŤŤŤŤŤŤŤŤŤ | ННН | ннн | RRRRRRR | | i i i i i i i i i i i i i i i i i i i | |
| MMMMMM | MMMMMM | 111 | нин | ннн | RRR | RRR | 777 | |
| MMMMMM | MMMMMM | +++ | | | | | | FFF |
| | | 111 | HHH | ннн | RRR | RRR | ŢŢŢ | řřř |
| MMMMMM | | !!! | ННН | HHH | RRR | RRR | ŢŢŢ | LLL |
| | MMM MMM | ŢŢŢ | HHH | HHH | RRR | RRR | TTT | LLL |
| | MMM MMM | 111 | HHH | HHH | RRR | RRR | TTT | LLL |
| MMM | MMM MMM | TTT | HHH | HHH | RRR | RRR | TTT | LLL |
| MMM | MMM | TTT | НИНИНИНИНИ | | RRRRRRRR | | ŤŤŤ | ĬĬĬ |
| MMM | MMM | TTT | НИНИНИНИНИ | | RRRRRRRR | | ŤŤŤ | <i>ו</i> ווֹ דּ |
| MMM | MMM | ŤŤŤ | НИНИНИНИНИ | | RRRRRRRR | | ŤŤŤ | iii |
| MMM | MMM | ŤŤŤ | ННН | ннн | RRR RR | | ŤŤŤ | ili |
| MMM | MMM | ŤŤŤ | нин | ннн | RRR RR | | ήii | |
| MMM | MMM | ή†† | HHH | HHH | RRR RR | | 111 | LLL |
| MMM | | T T | | | | | | LLL |
| | MMM | | ннн | ННН | RRR | RRR | ŢŢŢ | rrr |
| MMM | MMM | III | HHH | ННН | RRR | RRR | ŢŢŢ | LLL |
| MMM | MMM | TTT | ННН | HHH | RRR | RRR | TTT | LLL |
| MMM | MMM | TTT | ННН | HHH | RRR | RRR | TTT | |
| MMM | MMM | TTT | HHH | HHH | RRR | RRR | TTT | LLLLLLLLLLLLLL |
| MMM | MMM | 111 | ННН | HHH | RRR | RRR | ŤŤ | |

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| MM MM MMMM MMMM MMMM MMMM MMM MM MM MM MM | TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT | HH HHHHHHHHH | MM MM MMMM MMMM MMMMM MMMMM MM MM MM MM MM | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | XX | 000000 000000 00 00 00 0000 00 00 00 00 00 | • • • • |
|--|--|--|--|--|----|---|---------|
| ii ii ii ii ii ii ii ii ii ii | | \$ | | | | | |

16-SEP-1984 01:45:39 VAX/VMS Macro V04-00 MTH\$JMAXO Table of contents JMAXO and AJMAXO functions Page 0 HISTORY ; Deta DECLARATIONS MTH\$JMAXO, MTH\$AJMAXO (2) (3) (4) 48 57 83 ; Detailed Current Edit History

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.TITLE MTH\$JMAXO .IDENT /1-002/ JMAXO and AJMAXO functions : File: MTHJMAXO.MAR

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FACILITY: MATH LIBRARY

: ABSTRACT:

VERSION: 0

HISTORY:

AUTHOR:

Jonathan M. Taylor, 12-JUL-77: Version 0

MODIFIED BY:

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JMAXO and AJMAXO functions 16-SEP-1984 01:45:39 VAX/VMS Macro V04-00 Page 2 HISTORY; Detailed Current Edit History 6-SEP-1984 11:26:31 [MTHRTL.SRC]MTHJMAXO.MAR;1 (2 0000 49 0000 50 0000 51; Edit History for Version 0 of MTHJMAXO 0000 52; 0-2 - fix access violation. TNH 16-Aug-78 0000 54; 1-001 - Update version number and copyright notice. JBS 16-NOV-78 0000 55; 1-002 - Add '_'' to the PSECT directive. JBS 22-DEC-78
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; PSECT DECLARATIONS: .PSECT _MTH\$CODE PIC, SHR, LONG, EXE, NOWRT

; R1 = number of args ; AP -> first arg adr

get trial max
check arg count
if this arg is greater then trial max
then it becomes trial max
else ignore it
check arg count

D1 14

D5 F5 O5

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F5 51

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BC F 5 MTHSJMAXO

JMAXO and AJMAXO functions MTH\$JMAXO, MTH\$AJMAXO

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16-SEP-1984 01:45:39 VAX/VMS Macro V04-00 Page 6-SEP-1984 11:26:31 [MTHRTL.SRC]MTHJMAXO.MAR;1

0023 140 0023 141

.END

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16-SEP-1984 01:45:39 VAX/VMS Macro V04-00 6-SEP-1984 11:26:31 [MTHRTL.SRC]MTHJMAXO.MAR;1 Page

(4)

0000000D R 00000005 RG 00000000 RG MAXL MTH\$AJMAXO Ŏ1 01 MTHSJMAXO

Psect synopsis!

PSECT name Allocation PSECT No. Attributes)0 (0.) NOPIC ABS 00000000 (LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE CON MTHSCODE 51 (1.) 00000023 (PIC USR CON REL LCL SHR EXE RD NOWRT NOVEC LONG

Performance indicators!

| Phase | Page faults | CPU Time | Elapsed Time |
|--|-------------|----------------------------|----------------------------|
| Initialization | 30 122 | 00:00:00.10 | 00:00:00.72 |
| Command processing Pass 1 | 71 | 00:00:00.48 00:00:00.45 | 00:00:02.55 00:00:01.64 |
| Symbol table sort Pass 2 | 0 39 | 00:00:00.01 00:00:00.32 | 00:00:00.01 00:00:01.70 |
| Symbol table output Psect synopsis output | 5 | 00:00:00.01 00:00:00.02 | 00:00:00.02 |
| Cross-reference output Assembler run totals | ō 268 | 00:00:00.00 00:00:01.39 | 00:00:00.00 |

The working set limit was 750 pages.
1511 bytes (3 pages) of virtual memory were used to buffer the intermediate code. There were 10 pages of symbol table space allocated to hold 3 non-local and 3 local symbols. 141 source lines were read in Pass 1, producing 13 object records in Pass 2. O pages of virtual memory were used to define 0 macros.

Macro library statistics !

Macro library name

Macros defined

_\$255\$DUA28:[SYSLIB]STARLET.MLB;2

0

O GETS were required to define O macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL, TRACEBACK)/LIS=LIS\$:MTHJMAXO/OBJ=OBJ\$:MTHJMAXO MSRC\$:MTHJMAXO/UPDATE=(ENH\$:MTHJMAXO)

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